

What is claimed is:

1. An optical fiber probe comprising:
an optical fiber;
a first protective pipe holding the optical fiber
therein for protection; and
a collet attached to a front part of the first
protective pipe;
wherein an adhesive is filled in a base part of the
first protective pipe to form a sealing plug.
2. The optical fiber probe according to claim 1,
wherein the optical fiber is able to extend relative to
the collet.
3. The optical fiber probe according to claim 1
further comprising a second protective pipe covering the
optical fiber and fitted in the first protective pipe.
4. The optical fiber probe according to claim 1,
wherein the first protective pipe is formed in a length
such that the base part of the first protective pipe is
cooled by natural cooling at temperatures nearly equal
to an ordinary temperature.